

 **HYUNDAI**
Technical Service Bulletin

GROUP RECALL	NUMBER 18-01-009
DATE February, 2018	MODEL(S) SONATA (NF) AZERA (TG)

SUBJECT: 2006 SONATA (NF) AND 2006-2011 AZERA (TG) PCB RELAY KIT
INSTALLATION (RECALL CAMPAIGN 172)

*** IMPORTANT**

***** Retail Vehicles *****

Dealers must perform this Recall Campaign whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the service department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: Moisture may enter the ABS electrical system of certain Sonata (NF) and Azera (TG) vehicles. Over time, the moisture can cause a short circuit. If a short circuit occurs inside the ABS module, there could be an increased risk of an engine compartment fire. This bulletin describes the procedure to install a relay into the ABS module electrical circuit.



Applicable Vehicles:

Certain 2006MY Sonata (NF) and 2006-2011MY Azera (TG) vehicles produced by Hyundai Motor Company in Korea (VIN beginning with a "K")

Part Information:

Part Name	Figure / Part Number	Qty.
PCB Relay Block Assy - ABS		1
	91940-3K005-QQH	

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part No.	Nature	Cause
Sonata (NF) Azera (TG)	71C126R0	PCB Relay Kit Installation	0.3 M/H	91940-3K005-QQH	B25	ZZ1

NOTE 1: Submit Claim on Campaign Claim Entry Screen

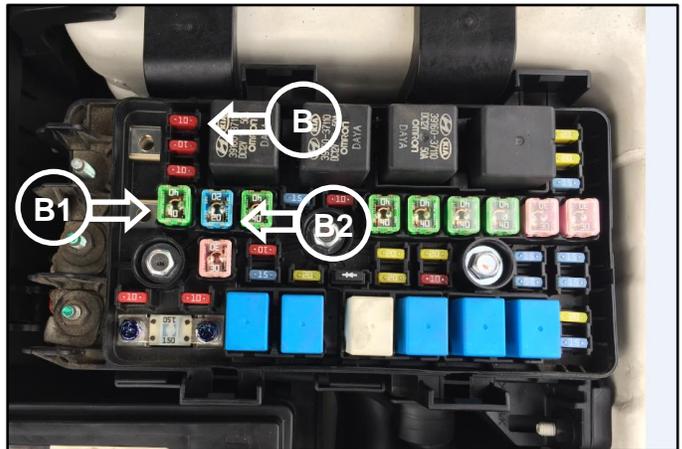
NOTE 2: If a part is found in need of replacement while performing Recall172 and the affected part is still under warranty, submit a separate claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

Service Procedure:

1. If applicable, record the customer's radio preset stations.
2. Turn the ignition switch OFF, disconnect the battery negative (-) terminal and remove the junction box cover (A).



3. Remove and discard the red 10A (B), green 40A (B1) and blue 20A (B2) fuses.

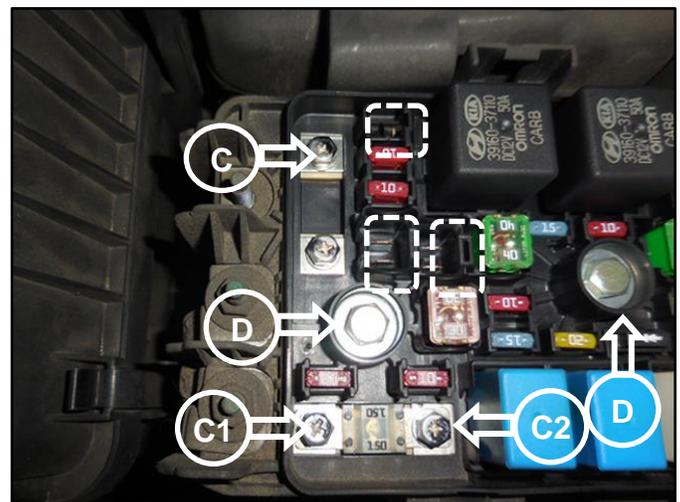


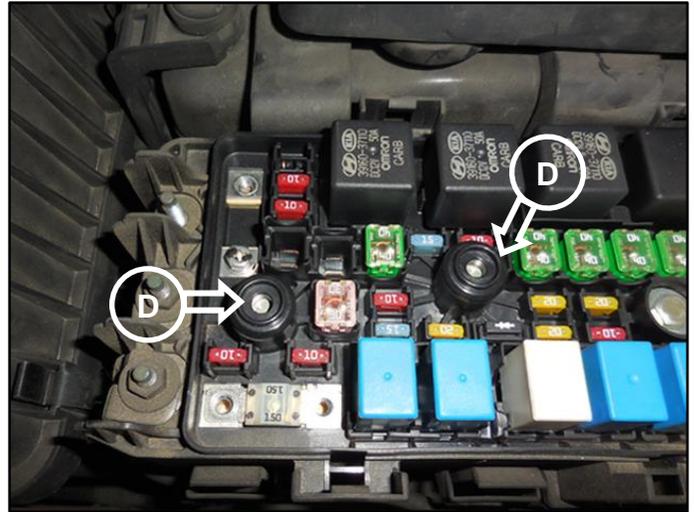
4. Remove the fuse bolts (C, C1 and C2).

NOTICE

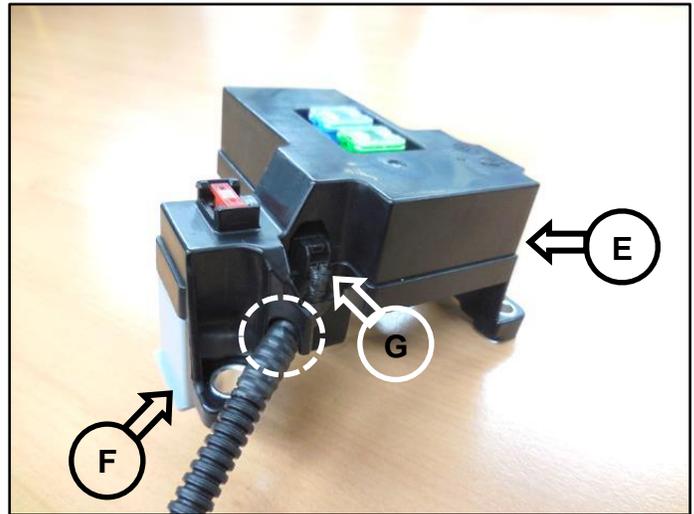
Fuse bolt C may not be present in all applications.

5. Insert the rubber packing (D) over the mounting bosses.

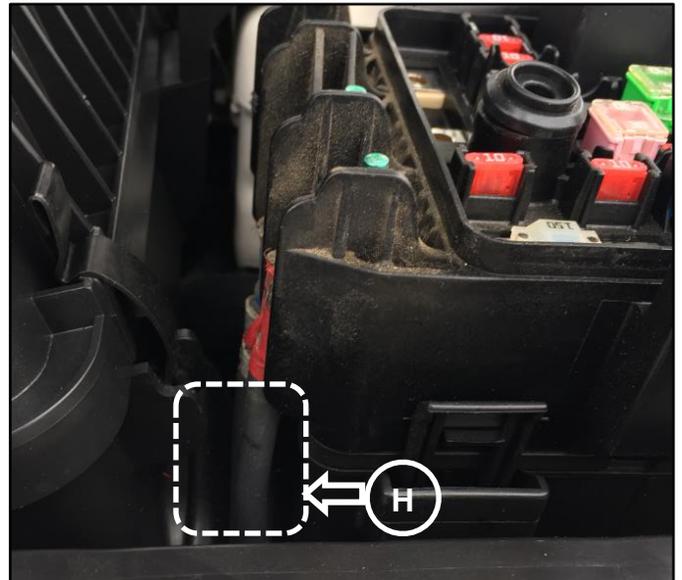




6. Remove the gray terminal cover (F) and connect the extension wiring harness connector (G) to the PCB relay block (E). Place the wiring harness in the PCB relay block housing notch.



7. Route the extension wiring harness under the junction box, exiting along the groove (H).





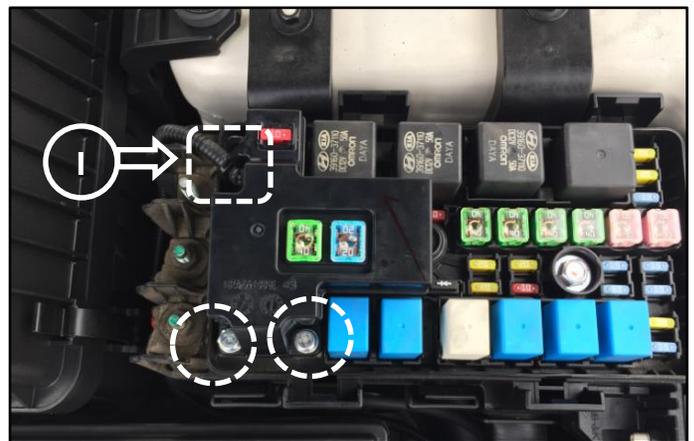
8. Install the PCB relay block and tighten the fuse bolts.

Bolt Tightening Torque:
 3.9~4.9 N-m (0.4~0.5 kgf.m, 2.9~3.6 lb.f-ft)

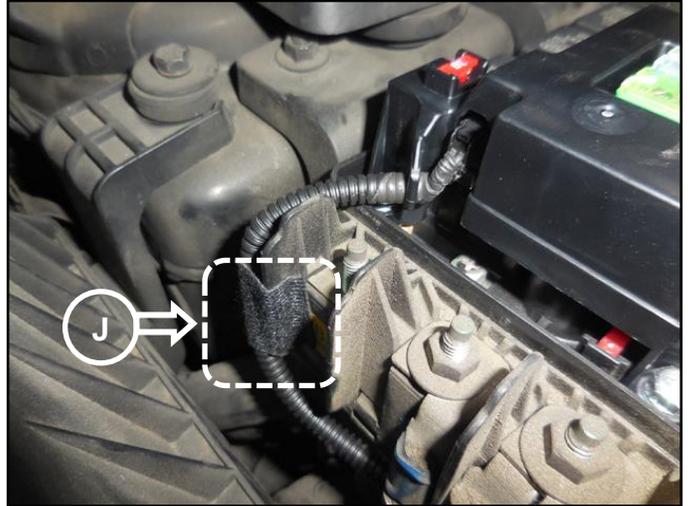
NOTICE

If a bolt was not initially installed at position I, install the provided screw.

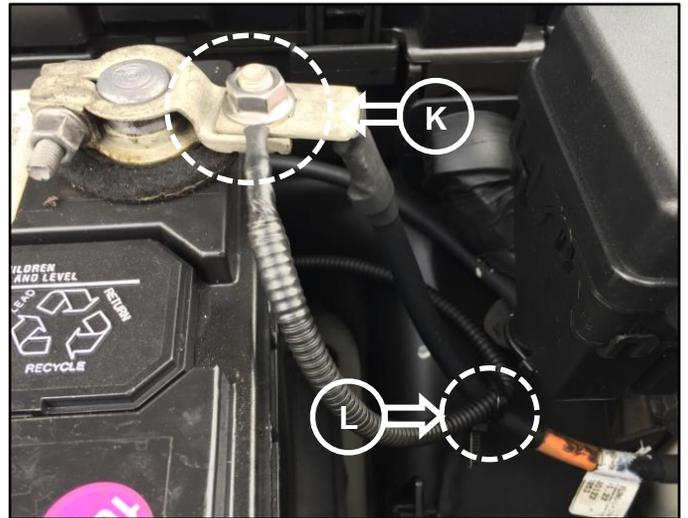
Screw Tightening Torque:
 1.0~1.5 N-m (0.1~0.2 kgf.m, 0.7~1.1 lb.f-ft)



9. Attach the extension wiring to the junction box using the CS pad (J).

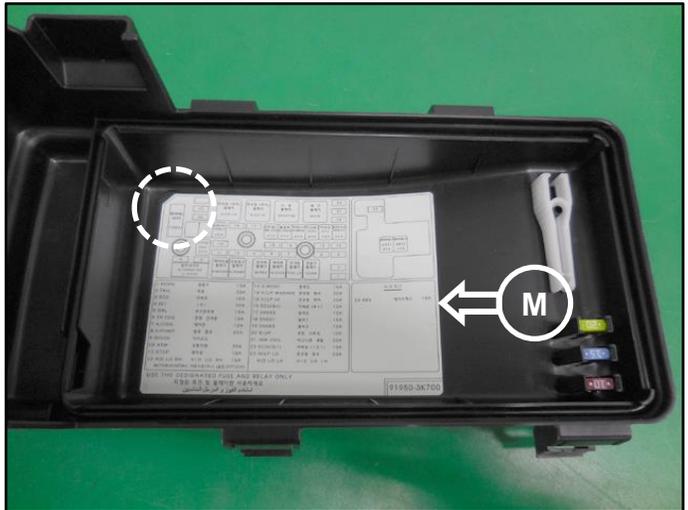


10. Route the extension wiring along the gap between the battery and junction box.
11. When reconnecting the negative (-) battery terminal, install the extension wiring terminal to the negative (-) battery terminal (K) and attach it to the battery cable using the band strap (L).



Tightening Torque :
19.6~29.4 N-m (2.0~3.0 kgf.m, 14.5~21.7 lb.f-ft)

12. Attach the label (M) to the inside of the new junction box upper cover.



13. Install the new junction box upper cover (N).
14. Start the engine. Confirm “ABS”, “ESC” and “BRAKE” indicator lamps are not illuminated, clear any incidental DTCs and reprogram the customer’s radio preset stations.

